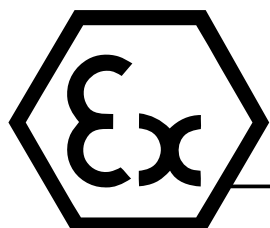


**BARTEC**



*Mobile Computer*  
**Mobile Computer Data Sheets MC 92NO<sup>ex</sup>**

**for barcode and RFID capture**



### **Reservation**

Technical data subject to change without notice. No claims for damages arising from alterations, errors or misprints shall be allowed. Attention is drawn to the applicable standards and regulations on safety components and systems together with the relevant operating and installation instructions.

# Content

## *Mobile Computer MC 92NO<sup>ex</sup>-IS*

|   |       |
|---|-------|
| MC 92NO <sup>ex</sup> -G for ATEX/IECEx Zone 1<br>with 1D-Long Range Scan Engine or 1D-/2D Imager Engine<br>17-A1A3-OG.0/SY..A600       | 2 - 3 |
| MC 92NO <sup>ex</sup> -K for ATEX/IECEx Zone 1<br>with 1D-Standard Range Scan Engine or 1D-/2D Imager Engine<br>17-A1A3-OK.0/SY..A600   | 4 - 5 |
| MC 92NO <sup>ex</sup> -G and -K RFID for ATEX/IECEx Zone 1<br>with extended RFID Reader<br>17-A1A3-RG../SY..A600; 17-A1A3-RK../SY..A600 | 6 - 7 |

## *Mobile Computer MC 92NO<sup>ex</sup>-NI*

|  |         |
|--|---------|
| MC 92NO <sup>ex</sup> -G for Class I, II, III Div. 2 and ATEX Zone 2/22<br>with 1D-Long Range Scan Engine or 1D-/2D Imager Engine<br>B7-A2A4-OG.0/SY..A600       | 8 - 9   |
| MC 92NO <sup>ex</sup> -K for Class I, II, III Div. 2 and ATEX Zone 2/22<br>with 1D-Standard Range Scan Engine or 1D-/2D Imager Engine<br>B7-A2A4-OK.0/SY..A600   | 10 - 11 |
| MC 92NO <sup>ex</sup> -G and -K RFID for Class I, II, III Div. 2 and ATEX Zone 2/22<br>with extended RFID Reader<br>B7-A2A4-RG../SY..A600; B7-A2A4-RK../SY..A600 | 12 - 13 |



## MC 92NO<sup>ex</sup>-G

with 1D-Long Range Scan Engine  
or 1D-/2D Imager Engine

### Features

- International approvals for global usability
- Barcode capture up to 12 m
- WLAN radio standard IEEE 802.11 a/b/g/n
- Easy battery changing in the Ex area
- Expanded storage capacity with replaceable SD card
- Various versions of replaceable keyboards
- Compatibility with MC92NO from Motorola
- Service contracts

### Description

The MC 92NO<sup>ex</sup>-G Mobile Computer with its pistol grip is a robust device for reliable barcode scanning in hazardous (potentially explosive) areas.

The scan trigger is conveniently positioned at the pistol grip. Thus barcodes can be captured with only one hand. The integrated radio module enables real time data access to your host system.

The MC 92NO<sup>ex</sup>-G combines the strength of Microsoft's Pocket PC platform with the power of the TI OMAP 4430 dual-core® processor with 1 GHz.

A further highlight is the large easy-to-read 3,7" VGA colour display with touchscreen technology. The MC 92NO<sup>ex</sup>-G is working with the IEEE 802.11a/b/g/n radio standard.

### Explosion protection

#### Ex protection type

**ATEX** Ex II 2G Ex q [ib] IIC T4 Gb

#### Certification

PTB 13 ATEX 2019 X

**IECEx** Ex q [ib] IIC T4 Gb

#### Certification

IECEx PTB13.0043X

Other variants are available for:

- Brazil, Japan, Canada, Russia, South Africa and USA
- Mining EU

### Technical data

#### Keyboard version

- 28 keys, numeric
- 43 keys, numeric with (F) function keys
- 53 keys, alphanumeric

#### Display

3.7" VGA colour display  
with touchscreen 480 x 640 pixels

#### Barcode options

SE 1524: 1D-Long Range Scan Engine  
Reading range: up to 12 m

SE 4500-SR: 1D/2D Imager Engine  
Reading range: up to 60 cm

Other variants available, see user's manual.

#### Dimensions (height x width x depth)

231 mm x 91 mm x 193 mm  
9.1 inch x 3.6 inch x 7.6 inch

#### Weight

approx. 1060 g  
approx. 34 oz

#### Ambient temperature

-20 °C to +40 °C  
-4 °F to +104 °F

#### Storage temperature

-40 °C to +70 °C  
-40 °F to +158 °F

#### Charging temperature

0 °C to +40 °C  
+32 °F to +104 °F

#### Humidity

5 % to 95 % (non-condensing)

#### Protection class (EN 60529)

IP 54

#### Processor

TI OMAP 4430 dual-core® processor/1 GHz

#### Memory

1 GB/2 GB flash RAM/ROM with the option of expansion with SD card: up to 32 GB

#### Operating system

Windows Embedded Handheld 6.5.3  
or Windows CE 7.0

#### Power supply

Li-ion battery 17-A1Z0-0001  
with 7.4 V/2200 mAh

Battery can be changed in the Ex area!

| Market   | Applications  | Users   |
|--|---|---|
| <b>Automobile industry</b><br>suppliers of paintwork, for paint shops, etc.                                      | Material flow monitoring<br>Production control<br>Supplier chain management | <b>Dispatch, receiving and stock management departments</b><br>Personnel who have been instructed on the handling of potentially explosive substances |
| <b>Food and beverages</b><br>suppliers of aromatic substances, etc.  | Incoming/outgoing goods, inventory management                               | <b>Maintenance and repair</b><br>Personnel who have been instructed on work in potentially explosive substances.                                      |
| <b>Petrochemicals</b><br>from production through further processing to delivery                                  | Safety tests<br>Spare parts tracking<br>Maintenance/repair work             | <b>Production area</b><br>Personnel who have been instructed on the handling of potentially explosive substances.                                     |
| <b>Pharmaceuticals</b><br>suppliers of the individual components required for the production of e. g. medication | Workshop communication<br>Conformity verification<br>Task allocation        |   |



#### Backup battery

Ni-MH battery (rechargeable)  
2.4 V/15 mAh

#### Interfaces

- RS232
- USB

#### Application development

EMDK available from Motorola Solutions  
Homepage

#### Audio System

Integrated microphone and loudspeaker

#### Voice support

Voice over IP

#### Wireless data communication (WLAN)

##### Radio standard

IEEE 802.11a/b/g/n

##### Data rate/frequency range

IEEE802.11a: up to 54 Mbit/s - 5 GHz  
IEEE802.11b: up to 11 Mbit/s - 2.4 GHz  
IEEE802.11g: up to 54 Mbit/s - 2.4 GHz  
IEEE802.11n: up to 600 Mbit/s - 2.4/5 GHz

##### Output power

100 mW

##### Antenna

Integrated in the device

##### Note

The respective radio frequencies and usable channels depend on the country-specific regulations.

#### Bluetooth (WPAN)

Bluetooth version 2.1 with EDR  
(including manager)

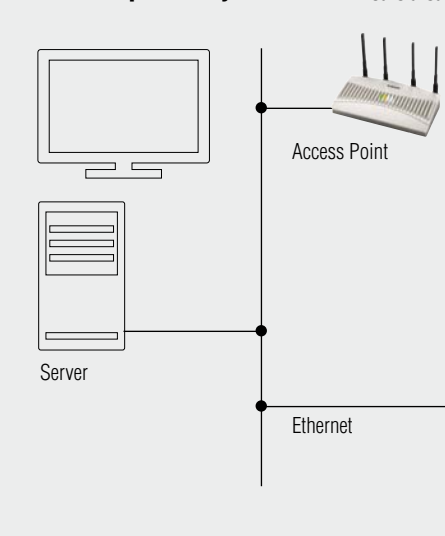
##### Max. data rate

2.1 Mbit/s

##### Antenna

Integrated in the device

#### Connection possibility



The MC 92NO<sup>ex</sup>-G Mobile Computer with the 1D-Long Range Scan Engine or the 1D-/2D Imager Engine recognises the following barcodes:

#### 1D-Codes:

|                 |                       |
|-----------------|-----------------------|
| Code 11         | Interleaved 2 of 5    |
| Code 39         | MSI                   |
| Code 93         | UPCA                  |
| Code 128        | UPCE                  |
| Codabar         | UPC/EAN supplementals |
| Coupon Code     | Trioptic 39           |
| Chinese 2 of 5  | RSS-14                |
| Discrete 2 of 5 | RSS Expanded          |
| EAN-8           | RSS Limited           |
| EAN-13          | Webcode               |

#### 2D-Codes: (only with 1D-/2D-Imager Engine)

|                    |                       |
|--------------------|-----------------------|
| Aztec              | (Macro) Micro PDF-417 |
| Australian 4-state | Micro PDF-417 PDF-417 |
| Canadian 4-state   | microQR               |
| Composite AB       | Maxi Code             |
| Composite C        | QR Code               |
| PDF-417            | TLC39                 |
| Data Matrix        | UK 4-state            |
| Dutch Kix          | US Planet             |
| Japanese 4-state   | US Postnet            |
| Macro PDF-417      | USPS 4-state (US4CB)  |

### Selection chart

| Barcode options                             | Code no. | Version  | Code no. | Operating system                   | Code no. |
|---|----------|--|----------|------------------------------------|----------|
| <b>SE 1524</b><br>1D-Long Range Scan Engine | <b>J</b> | 28 keys, numeric                                     | <b>A</b> | Windows Embedded<br>Handheld 6.5.3 | <b>Q</b> |
|   |          | 43 keys, numeric with (F) function keys              | <b>F</b> |                                    |          |
|   |          | 53 keys, alphanumeric                                | <b>E</b> |                                    |          |
| <b>SE 4500-SR</b><br>1D-/2D Imager Engine   | <b>3</b> | 53 keys, alphanumeric with layout for VT emulation   | <b>G</b> | Windows CE 7.0                     | <b>Y</b> |
|   |          | 53 keys, alphanumeric with layout for 3270 emulation | <b>H</b> |                                    |          |
|   |          | 53 keys, alphanumeric with layout for 5250 emulation | <b>J</b> |                                    |          |

Complete order no. 17-A1A3-0G ☐ O/SY ☐ ☐ A600

MC 92NO<sup>ex</sup>-G including Li-ion battery (1 piece).

Please insert correct code. Technical data subject to change without notice. Note: All variants without accessories.  
You will find the accessories with order details on the accessories pages.





## MC 92NO<sup>ex</sup>-K with 1D-Standard Range Scan Engine or 1D/2D Imager Engine

### Features

- International approvals for global usability
- WLAN radio standard IEEE 802.11 a/b/g/n
- Easy battery changing in the Ex area
- Expanded storage capacity with replaceable SD card
- Various versions of replaceable keyboards
- Based on MC92NO from Motorola
- Service contracts

### Description

The MC 92NO<sup>ex</sup>-K Mobile Computer is a robust device for reliable barcode scanning in hazardous (potentially explosive) areas.

The scan trigger is positioned in such a way that barcodes can be captured very conveniently. The integrated radio module enables real time data access to your host system.

The MC 92NO<sup>ex</sup>-K combines the strength of Microsoft's Pocket PC platform with the power of the TI OMAP 4430 dual-core® processor with 1 GHz.

A further highlight is the large easy-to-read 3.7" VGA colour display with touchscreen technology. The MC 92NO<sup>ex</sup>-K is working with the IEEE 802.11a/b/g/n radio standard.

### ➤ Explosion protection

**ATEX Ex protection type**  
Ex II 2G Ex q [ib] IIC T4 Gb

**Certification**  
PTB 13 ATEX 2019 X

**IECEx Ex protection type**  
Ex q [ib] IIC T4 Gb

**Certification**  
IECEx PTB13.0043X

Other variants are available for:

- Brazil, Japan, Canada, Russia, South Africa and USA
- Mining EU

### ➤ Technical data

#### Keyboard version

- 28 keys, numeric
- 43 keys, numeric with (F) function keys
- 53 keys, alphanumeric

#### Display

3.7" VGA colour display  
with touchscreen 480 x 640 pixels

#### ■ Barcode options

SE 965: 1D-Standard Range Scan Engine  
Reading range: up to 2.5 m

SE 4500-SR: 1D/2D Imager Engine  
Reading range: up to 60 cm

Other variants available, see user's manual.

#### Dimensions (height x width x depth)

231 mm x 91 mm x 59 mm  
9.1 inch x 3.6 inch x 2.3 inch

#### Weight

approx. 980 g  
approx. 31 oz

#### Ambient temperature

-20 °C to +40 °C  
-4 °F to +104 °F

#### Storage temperature

-40 °C to +70 °C  
-40 °F to +158 °F

#### Charging temperature

0 °C to +40 °C  
+32 °F to +104 °F

#### Humidity

5 % to 95 % (non-condensing)

#### Protection class (EN 60529)

IP 54

#### Processor

TI OMAP 4430 dual-core® processor/1 GHz

#### Memory

1 GB/2 GB flash RAM/ROM with the option of expansion with SD card: up to 32 GB

#### Operating system

Windows Embedded Handheld 6.5.3  
or Windows CE 7.0

#### Power supply

Li-ion battery 17-A1Z0-0001  
with 7.4 V/2200 mAh

Battery can be changed in the Ex area!

| Market   | Applications  | Users   |
|--|---|---|
| <b>Automobile industry</b><br>suppliers of paintwork, for paint shops, etc.                                      | Material flow monitoring<br>Production control<br>Supplier chain management | <b>Dispatch, receiving and stock management departments</b><br>Personnel who have been instructed on the handling of potentially explosive substances |
| <b>Food and beverages</b><br>suppliers of aromatic substances, etc.  | Incoming/outgoing goods, inventory management                               | <b>Maintenance and repair</b><br>Personnel who have been instructed on work in potentially explosive substances.                                      |
| <b>Petrochemicals</b><br>from production through further processing to delivery                                  | Safety tests<br>Spare parts tracking<br>Maintenance/repair work             | <b>Production area</b><br>Personnel who have been instructed on the handling of potentially explosive substances.                                     |
| <b>Pharmaceuticals</b><br>suppliers of the individual components required for the production of e. g. medication | Workshop communication<br>Conformity verification<br>Task allocation        |   |



#### Backup battery

Ni-MH battery (rechargeable)  
2.4 V/15 mAh

#### Interfaces

- RS232  
- USB

#### Application development

EMDK available from Motorola Solutions  
Homepage

#### Audio System

Integrated microphone and loudspeaker

#### Voice support

Voice over IP

#### Wireless data communication (WLAN)

##### Radio standard

IEEE 802.11a/b/g/n

##### Data rate/frequency range

IEEE802.11a: up to 54 Mbit/s - 5 GHz  
IEEE802.11b: up to 11 Mbit/s - 2.4 GHz  
IEEE802.11g: up to 54 Mbit/s - 2.4 GHz  
IEEE802.11n: up to 600 Mbit/s - 2.4/5 GHz

##### Output power

100 mW

##### Antenna

Integrated in the device

##### Note

The respective radio frequencies and usable channels depend on the country-specific regulations.

#### Bluetooth (WPAN)

Bluetooth version 2.1 with BT Explorer  
(including manager)

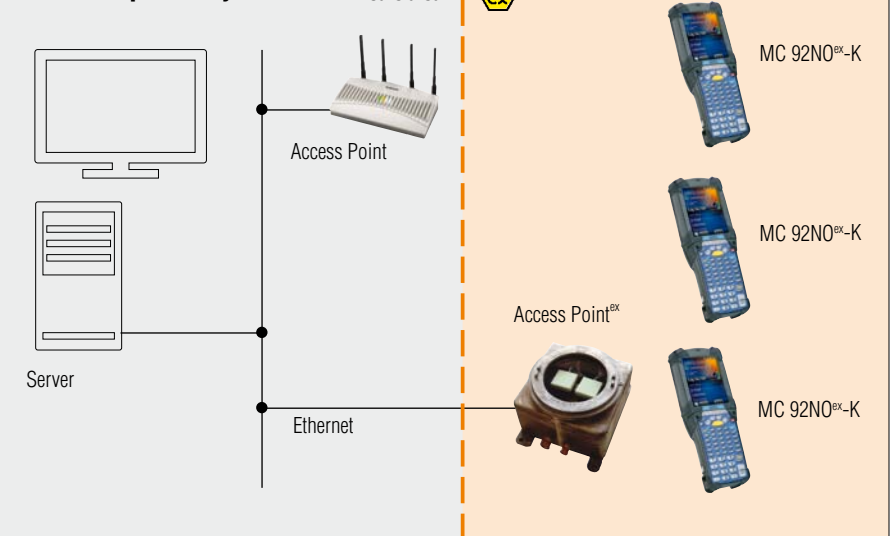
##### Max. data rate

2.1 Mbit/s

##### Antenna

Integrated in the device

#### Connection possibility



The MC 92NO<sup>ex</sup>-K Mobile Computer with the 1D-Standard Range Scan Engine or the 1D-/2D-Imager Engine recognises the following barcodes:

#### 1D-Codes:

|                 |                       |
|-----------------|-----------------------|
| Code 11         | Interleaved 2 of 5    |
| Code 39         | MSI                   |
| Code 93         | UPCA                  |
| Code 128        | UPCE                  |
| Codabar         | UPC/EAN supplementals |
| Coupon Code     | Trioptic 39           |
| Chinese 2 of 5  | RSS-14                |
| Discrete 2 of 5 | RSS Expanded          |
| EAN-8           | RSS Limited           |
| EAN-13          | Webcode               |

#### 2D-Codes: (only with 1D-/2D Imager Engine)

|                    |                       |
|--------------------|-----------------------|
| Aztec              | (Macro) Micro PDF-417 |
| Australian 4-state | Micro PDF-417 PDF-417 |
| Canadian 4-state   | microQR               |
| Composite AB       | Maxi Code             |
| Composite C        | QR Code               |
| PDF-417            | TLC39                 |
| Data Matrix        | UK 4-state            |
| Dutch Kix          | US Planet             |
| Japanese 4-state   | US Postnet            |
| Macro PDF-417      | USPS 4-state (US4CB)  |

### Selection chart

| Barcode options                                | Code no. | Version  | Code no. | Operating system                | Code no. |
|--|----------|--|----------|---------------------------------|----------|
| <b>SE 965</b><br>1D-Standard Range Scan Engine | <b>A</b> | 28 keys, numeric                                     | <b>A</b> | Windows Embedded Handheld 6.5.3 | <b>Q</b> |
|  |          | 43 keys, numeric with (F) function keys              | <b>F</b> |                                 |          |
|  |          | 53 keys, alphanumeric                                | <b>E</b> |                                 |          |
| <b>SE 4500-SR</b><br>1D-/2D Imager Engine      | <b>3</b> | 53 keys, alphanumeric with layout for VT emulation   | <b>G</b> | Windows CE 7.0                  | <b>Y</b> |
|  |          | 53 keys, alphanumeric with layout for 3270 emulation | <b>H</b> |                                 |          |
|  |          | 53 keys, alphanumeric with layout for 5250 emulation | <b>J</b> |                                 |          |

➔ **Complete order no. 17-A1A3-0K** ☐ **0/SY** ☐ ☐ **A600**  
**MC 92NO<sup>ex</sup>-K** including Li-ion battery (1 piece).

Note: All variants without accessories. You will find the accessories with order details on the accessories pages.  
Please insert correct code. Technical data subject to change without notice.



## MC 92N0<sup>ex</sup>-G and -K with extended RFID Reader

### Description

This unique idea enables a combination of state-of-the-art technologies and so it was possible to integrate barcode data capture and RFID technology in this one device.

Thanks to the modular keyboard and colour display, the data can be processed directly on the mobile computer. The data is transmitted to other corporate divisions via WLAN or Bluetooth. This means that the data is available in real time for further processing.

The software we offer for individual application development is an open source demo version and an SDK file. The SDK file is available for the C# programming language and contains all necessary resources for specific application development.

On the one hand, the open source demo serves to demonstrate the reading and writing of RFID tags; on the other hand, it offers application developers a good basis for customised reader programming.

The MC 92N0<sup>ex</sup>-IS can be retrofitted with the RFID option in the factory. It cannot be retrofitted by the customer himself.

### Features

- International approvals for global usability
- RFID/UHF with a large reading range
- RFID reader and scanner in one device
- WLAN radio standard IEEE 802.11 a/b/g/n
- Easy battery changing in the Ex area
- Expanded storage capacity with replaceable SD card
- Various versions of replaceable keyboards
- Service contracts

### Explosion protection

#### ATEX Ex protection type

- Ex II 2G Ex q [ib] IIC T4 Gb
- Ex II 2G Ex q [ib] IIB T4 Gb (with mounted antenna)

#### Certification

PTB 13 ATEX 2019 X

For further details see IECEx Certificate of Conformity.

#### IECEx Ex protection type

- Ex q [ib] IIC T4 Gb
- Ex q [ib] IIB T4 Gb (with mounted antenna)

#### Certification

IECEx PTB13.0043X

For further details see IECEx Certificate of Conformity.

Other variants are available for:

- USA, Canada

### Technical data

#### Keyboard version

- 28 keys, numeric
- 43 keys, numeric with (F) function keys
- 53 keys, alphanumeric

#### Display

3.7" VGA colour display  
with touchscreen 480 x 640 pixels

#### Barcode options

SE 965: 1D-Standard Range Scan Engine  
Reading range: up to 2.5 m

SE 4500: 1D-/2D Imager Engine  
Reading range: up to 60 cm

only for MC 92N0<sup>ex</sup>-G

SE 1524: 1D-Long Range Scan Engine  
Reading range: up to 12 m

Other variants available, see user's manual.

#### Dimensions (height x width x depth)

MC 92N0<sup>ex</sup>-K

231 mm x 115 mm x 105 mm  
(9.1 inch x 4.5 inch x 4.1 inch)

MC 92N0<sup>ex</sup>-G

231 mm x 115 mm x 193 mm  
(9.1 inch x 4.5 inch x 7.6 inch)

#### Weight

MC 92N0<sup>ex</sup>-K

approx. 1320 g (approx. 46 oz)

MC 92N0<sup>ex</sup>-G

approx. 1400 g (approx. 49 oz)

#### Ambient temperature

-20 °C to +40 °C (-4 °F to +104 °F)

#### Storage temperature

-40 °C to +70 °C (-40 °F to +158 °F)

#### Charging temperature

0 °C to +40 °C (+32 °F to +104 °F)

#### Humidity

5 % to 95 % (non-condensing)

#### Protection class (EN 60529)

IP 54

#### Processor

TI OMAP 4430 dual-core® processor/1 GHz

#### Memory

1 GB/2 GB flash RAM/ROM with the option of expansion with SD card: up to 32 GB

#### Operating system

Windows Embedded Handheld 6.5.3  
or Windows CE 7.0

#### Power supply

Li-ion battery 17-A1Z0-0001  
with 7.4 V/2200 mAh

Battery can be changed in the Ex area!

#### Backup battery

Ni-MH battery (rechargeable)  
2.4 V/15 mAh

#### Interfaces

- RS232
- USB





#### Audio System

Integrated microphone and loudspeaker

#### Voice support

Voice over IP

#### Wireless data communication (WLAN)

##### Radio standard

IEEE 802.11a/b/g/n

##### Data rate/frequency range

IEEE802.11a: up to 54 Mbit/s - 5 GHz

IEEE802.11b: up to 11 Mbit/s - 2.4 GHz

IEEE802.11g: up to 54 Mbit/s - 2.4 GHz

IEEE802.11n: up to 600 Mbit/s - 2.4/5 GHz

##### Output power

100 mW (Germany and International)

##### Antenna

Integrated in the device

##### Note

The respective radio frequencies and usable channels depend on the country-specific regulations.

#### Bluetooth (WPAN)

Bluetooth version 2.1 with BT Explorer (including manager)

##### Max. data rate

2.1 Mbit/s

##### Antenna

Integrated in the device

#### LF Reader **extended**

|                                  |  |
|----------------------------------|--|
| Supported standards              | HITAG S256, HITAG S 2 kbit, HITAG 1, HITAG 2, Q5, ATA5567, EM4305, HDX - R0, HDX (Multipage), EM4xxx (UNIQUE), FDX-B, BDE, ISO 11784/5, ISO Animal, EM 4450/4550, EM4xxx (UNIQUE), FDX-B, BDE, ISO 11784/5, ISO Animal |
| Nominal reading/writing distance | approx. 5 cm/approx. 1.9 inches  |
| Antenna                          | ferrite antenna or air coil antenna  |
| Frequency range                  | 125/134 kHz  |
| Transmitting power               | 100 mW ± 2dB   |

#### HF Reader **extended**

|                                  |  |
|----------------------------------|--|
| Supported standards              | HF ISO 15693 e.g. I-Code SLI, Tag-IT HFI, my-d vicinity, STM LRI512<br>HF ISO 14443 e.g. mifare, mifare Ultra Light, my-d proximity, I-Code 1 (optional) |
| Nominal reading/writing distance | approx. 7 to 12 cm/approx. 2.75 to 4.72 inch<br>approx. 1 to 6 cm/approx. 0.4 to 2.36 inch (with tags in cheque card format)                             |
| Antenna                          | integrated   |
| Frequency range                  | 13.56 MHz  |
| Transmitting power               | 250 mW ± 2 dB  |

#### UHF Reader **extended**

|                          |   |
|--------------------------|---|
| Supported standards      | EPC Class 1 Gen 2 tag   |
| Nominal reading range    | approx. 30 to 50 cm/approx. 11.8 to 19.6 inch   |
| Nominal writing distance | approx. 30 to 50 cm/approx. 11.8 to 19.6 inch   |
| Antenna                  | integrated  |
| Frequency range          | Europe 865.6 to 867.5 MHz (EN 302 208)<br>USA 902.0 to 928.0 MHz (FCC CFR 47 part 15.247) |
| Transmitting power       | 200 mW ± 2dB  |

#### UHF Reader **extended with mounted antenna**

|                          |   |
|--------------------------|---|
| Supported standards      | EPC Class 1 Gen 2 tag   |
| Nominal reading range    | approx. 150 cm/approx. 59 inches  |
| Nominal writing distance | approx. 150 cm/approx. 59 inches  |
| Antenna                  | external (UPM Raflatac)   |
| Frequency range          | Europe 865.6 to 867.5 MHz (EN 302 208)<br>USA 902.0 to 928.0 MHz (FCC CFR 47 part 15.247) |
| Transmitting power       | 200 mW ± 2dB  |

### Selection chart MC 92N0<sup>ex</sup>-IS with **extended** RFID Reader

| Barcode options   | Code no. | RFID options                                | Code no. | Version   | Code no. | Operating system                      | Code no. |
|---|----------|---|----------|---|----------|---------------------------------------|----------|
| SE 965<br>1D-Standard<br>Range Scan Engine                              | <b>A</b> | RFID LF Reader                              | <b>2</b> | 28 keys, numeric  | <b>A</b> | Windows<br>Embedded<br>Handheld 6.5.3 | <b>Q</b> |
|   |          | RFID HF Reader                              | <b>4</b> | 43 keys, numeric with (F) function keys                 | <b>F</b> |                                       |          |
| SE 4500-SR<br>1D-/2D<br>Imager Engine                                   | <b>3</b> | RFID UHF (US) Reader                        | <b>5</b> | 53 keys, alphanumeric                                   | <b>E</b> | Windows CE 7.0                        | <b>Y</b> |
|   |          | RFID UHF (EU) Reader                        | <b>6</b> | 53 keys, alphanumeric<br>with layout for VT emulation   | <b>G</b> |                                       |          |
| SE 1524 1D Long<br>Range Scan Engine<br>(only MC 92N0 <sup>ex</sup> -G) | <b>J</b> | RFID UHF (US) Reader<br>and mounted antenna | <b>7</b> | 53 keys, alphanumeric<br>with layout for 3270 emulation | <b>H</b> |                                       |          |
|   |          | RFID UHF (EU) Reader<br>and mounted antenna | <b>8</b> | 53 keys, alphanumeric<br>with layout for 5250 emulation | <b>J</b> |                                       |          |

#### Complete order no.

**MC 92N0<sup>ex</sup>** Version **GUN** **17-A1A3-RG** ☐ ☐ **/SY** ☐ ☐ **A600**

Version **BRICK** **17-A1A3-RK** ☐ ☐ **/SY** ☐ ☐ **A600** including Li-ion battery (1 piece).

Note: All variants without accessories. You will find the accessories with order details on the accessories pages.  
Please insert correct code. Technical data subject to change without notice.



## MC 92NO<sup>ex</sup>-G

with 1D-Long Range Scan Engine  
or 1D-/2D Imager Engine

### Features

- International approvals for global usability
- Barcode capture up to 12 m
- WLAN radio standard IEEE 802.11 a/b/g/n
- Expanded storage capacity with replaceable SD card
- Various versions of replaceable keyboards
- Based on MC92NO from Motorola
- Service contracts

### Description

The MC 92NO<sup>ex</sup>-G Mobile Computer with its pistol grip is a robust device for reliable barcode scanning in hazardous (potentially explosive) areas.

The scan trigger is conveniently positioned at the pistol grip. Thus barcodes can be captured with only one hand. The integrated radio module enables real time data access to your host system.

The MC 92NO<sup>ex</sup>-G combines the strength of Microsoft's Pocket PC platform with the power of the TI OMAP 4430 dual-core<sup>®</sup> processor with 1 GHz.

A further highlight is the large easy-to-read 3.7" VGA colour display with touchscreen technology. The MC 92NO<sup>ex</sup>-G is working with the IEEE 802.11a/b/g/n radio standard.

| Market   | Applications  | Users   |
|--|---|---|
| <b>Automobile industry</b><br>suppliers of paintwork, for paint shops, etc.                                      | Material flow monitoring<br>Production control<br>Supplier chain management | <b>Dispatch, receiving and stock management departments</b><br>Personnel who have been instructed on the handling of potentially explosive substances |
| <b>Food and beverages</b><br>suppliers of aromatic substances, etc.  | Incoming/outgoing goods, inventory management                               | <b>Maintenance and repair</b><br>Personnel who have been instructed on work in potentially explosive substances.                                      |
| <b>Petrochemicals</b><br>from production through further processing to delivery                                  | Safety tests<br>Spare parts tracking<br>Maintenance/repair work             | <b>Production area</b><br>Personnel who have been instructed on the handling of potentially explosive substances.                                     |
| <b>Pharmaceuticals</b><br>suppliers of the individual components required for the production of e. g. medication | Workshop communication<br>Conformity verification<br>Task allocation        |   |

### ➤ Explosion protection

**UL Ex protection type**  
Class I Div 2 Group A, B, C, D T6  
Class II Div 2 Group F, G  
Class III

**Certification**  
UL File E321557

**ATEX Ex protection type**  
Ex II 3G Ex nA IIC T6 Gc  
Ex II 3D Ex tc IIC T80 °C Dc  
-20 °C ≤ T<sub>a</sub> ≤ +50 °C

**Certification**  
B1-A2A3-7C0001, B1-A2A3-7C0002

### ➤ Technical data

#### Keyboard version

- 28 keys, numeric
- 43 keys, numeric with (F) function keys
- 53 keys, alphanumeric

#### Display

3.7" VGA colour display  
with touchscreen 480 x 640 pixels

#### ■ Barcode options

SE 1524: 1D-Long Range Scan Engine  
Reading range: up to 12 m

SE 4500-SR: 1D/2D Imager Engine  
Reading range: up to 60 cm

Other variants available, see user's manual.

#### Dimensions (height x width x depth)

231 mm x 91 mm x 193 mm  
9.1 inch x 3.6 inch x 7.6 inch

#### Weight

approx. 765 g  
approx. 27 oz

#### Ambient temperature

-20 °C to +50 °C  
-4 °F to +122 °F

#### Storage temperature

-40 °C to +70 °C  
-40 °F to +158 °F

#### Charging temperature

0 °C to +40 °C  
+32 °F to +104 °F

#### Humidity

5 % to 95 % (non-condensing)

#### Protection class (EN 60529)

IP 64

#### Processor

TI OMAP 4430 dual-core<sup>®</sup> processor/1 GHz

#### Memory

1 GB/2 GB flash RAM/ROM with the option of expansion with SD card: up to 32 GB

#### Operating system

Windows Embedded Handheld 6.5.3  
or Windows CE 7.0

#### Power supply

Li-ion battery B7-A2Z0-0006  
with 7.4 V/2200 mAh



#### Backup battery

Ni-MH battery (rechargeable)  
2.4 V/15 mAh

#### Interfaces

- RS232  
- USB

#### Application development

EMDK available from Motorola Solutions  
Homepage

#### Audio System

Integrated microphone and loudspeaker

#### Voice support

Voice over IP

#### Wireless data communication (WLAN)

##### Radio standard

IEEE 802.11a/b/g/n

##### Data rate/frequency range

IEEE802.11a: up to 54 Mbit/s - 5 GHz  
IEEE802.11b: up to 11 Mbit/s - 2.4 GHz  
IEEE802.11g: up to 54 Mbit/s - 2.4 GHz  
IEEE802.11n: up to 600 Mbit/s - 2.4/5 GHz

##### Output power

100 mW

##### Antenna

Integrated in the device

#### Note

The respective radio frequencies and usable channels depend on the country-specific regulations.

#### Bluetooth (WPAN)

Bluetooth version 2.1 with EDR  
(including manager)

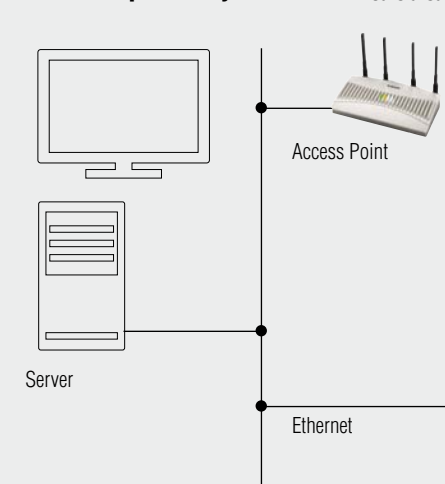
##### Max. data rate

2.1 Mbit/s

##### Antenna

Integrated in the device

#### Connection possibility



The MC 92NO<sup>ex</sup>-G Mobile Computer with the 1D-Long Range Scan Engine or the 1D-/2D Imager Engine recognises the following barcodes:

#### 1D-Codes:

|                 |                       |
|-----------------|-----------------------|
| Code 11         | Interleaved 2 of 5    |
| Code 39         | MSI                   |
| Code 93         | UPCA                  |
| Code 128        | UPCE                  |
| Codabar         | UPC/EAN supplementals |
| Coupon Code     | Trioptic 39           |
| Chinese 2 of 5  | RSS-14                |
| Discrete 2 of 5 | RSS Expanded          |
| EAN-8           | RSS Limited           |
| EAN-13          | Webcode               |

#### 2D-Codes: (only with 1D-/2D-Imager Engine)

|                    |                       |
|--------------------|-----------------------|
| Aztec              | (Macro) Micro PDF-417 |
| Australian 4-state | Micro PDF-417 PDF-417 |
| Canadian 4-state   | microQR               |
| Composite AB       | Maxi Code             |
| Composite C        | QR Code               |
| PDF-417            | TLC39                 |
| Data Matrix        | UK 4-state            |
| Dutch Kix          | US Planet             |
| Japanese 4-state   | US Postnet            |
| Macro PDF-417      | USPS 4-state (US4CB)  |

### Selection chart

| Barcode options                             | Code no. | Version  | Code no. | Operating system                   | Code no. |
|---|----------|--|----------|------------------------------------|----------|
| <b>SE 1524</b><br>1D-Long Range Scan Engine | <b>J</b> | 28 keys, numeric                                     | <b>A</b> | Windows Embedded<br>Handheld 6.5.3 | <b>Q</b> |
|   |          | 43 keys, numeric with (F) function keys              | <b>F</b> |                                    |          |
|   |          | 53 keys, alphanumeric                                | <b>E</b> |                                    |          |
| <b>SE 4500-SR</b><br>1D-/2D Imager Engine   | <b>3</b> | 53 keys, alphanumeric with layout for VT emulation   | <b>G</b> | Windows CE 7.0                     | <b>Y</b> |
|   |          | 53 keys, alphanumeric with layout for 3270 emulation | <b>H</b> |                                    |          |
|   |          | 53 keys, alphanumeric with layout for 5250 emulation | <b>J</b> |                                    |          |

➔ **Complete order no. B7-A2A4-OG** ☐ **O/SY** ☐ ☐ **A600**  
**MC 92NO<sup>ex</sup>-G** including Li-ion battery (1 piece).

Note: All variants without accessories. You will find the accessories with order details on the accessories pages.  
Please insert correct code. Technical data subject to change without notice.



## MC 92NO<sup>ex</sup>-K

with 1D-Standard Range Scan Engine  
or 1D-/2D Imager Engine

### Features

- International approvals for global usability
- WLAN radio standard IEEE 802.11 a/b/g/n
- Expanded storage capacity with replaceable SD card
- Various versions of replaceable keyboards
- Based on MC92NO from Motorola
- Service contracts

### Description

The MC 92NO<sup>ex</sup>-K Mobile Computer is a robust device for reliable barcode scanning in hazardous (potentially explosive) areas.

The scan trigger is positioned in such a way that barcodes can be captured very conveniently. The integrated radio module enables real time data access to your host system.

The MC 92NO<sup>ex</sup>-K combines the strength of Microsoft's Pocket PC platform with the power of the TI OMAP 4430 dual-core<sup>®</sup> processor with 1 GHz.

A further highlight is the large easy-to-read 3.7" VGA colour display with touchscreen technology. The MC 92NO<sup>ex</sup>-K is working with the IEEE 802.11a/b/g/n radio standard.

### Explosion protection

#### UL Ex protection type

Class I Div 2 Group A, B, C, D T6  
Class II Div 2 Group F, G  
Class III

#### Certification

UL File E321557

#### ATEX Ex protection type

II 3G Ex nA IIC T6 Gc  
II 3D Ex tc IIC T80 °C Dc  
-20 °C ≤ T<sub>a</sub> ≤ +50 °C

#### Certification

B1-A2A3-7C0001, B1-A2A3-7C0002

### Technical data

#### Keyboard version

- 28 keys, numeric
- 43 keys, numeric with (F) function keys
- 53 keys, alphanumeric

#### Display

3.7" VGA colour display  
with touchscreen 480 x 640 pixels

#### Barcode options

SE 965: 1D-Standard Range Scan Engine  
Reading range: up to 2.5 m

SE 4500-SR: 1D/2D Imager Engine  
Reading range: up to 60 cm

Other variants available, see user's manual.

#### Dimensions (height x width x depth)

231 mm x 91 mm x 59 mm  
9.1 inch x 3.6 inch x 2.3 inch

#### Weight

approx. 700 g  
approx. 22 oz

#### Ambient temperature

-20 °C to +50 °C  
-4 °F to +122 °F

#### Storage temperature

-40 °C to +70 °C  
-40 °F to +158 °F

#### Charging temperature

0 °C to +40 °C  
+32 °F to +104 °F

#### Humidity

5 % to 95 % (non-condensing)

#### Protection class (EN 60529)

IP 64

#### Processor

TI OMAP 4430 dual-core<sup>®</sup> processor/1 GHz

#### Memory

1 GB/2 GB flash RAM/ROM with the option of expansion with SD card: up to 32 GB

#### Operating system

Windows Embedded Handheld 6.5.3  
or Windows CE 7.0

#### Power supply

Li-ion battery B7-A2Z0-0006  
with 7.4 V/2200 mAh

| Market   | Applications  | Users   |
|--|---|---|
| <b>Automobile industry</b><br>suppliers of paintwork, for paint shops, etc.                                      | Material flow monitoring<br>Production control<br>Supplier chain management | <b>Dispatch, receiving and stock management departments</b><br>Personnel who have been instructed on the handling of potentially explosive substances |
| <b>Food and beverages</b><br>suppliers of aromatic substances, etc.  | Incoming/outgoing goods, inventory management                               | <b>Maintenance and repair</b><br>Personnel who have been instructed on work in potentially explosive substances.                                      |
| <b>Petrochemicals</b><br>from production through further processing to delivery                                  | Safety tests<br>Spare parts tracking<br>Maintenance/repair work             | <b>Production area</b><br>Personnel who have been instructed on the handling of potentially explosive substances.                                     |
| <b>Pharmaceuticals</b><br>suppliers of the individual components required for the production of e. g. medication | Workshop communication<br>Conformity verification<br>Task allocation        |   |



#### Backup battery

Ni-MH battery (rechargeable)  
2.4 V/15 mAh

#### Interfaces

- RS232  
- USB

#### Application development

EMDK available from Motorola Solutions  
Homepage

#### Audio System

Integrated microphone and loudspeaker

#### Voice support

Voice over IP

#### Wireless data communication (WLAN)

##### Radio standard

IEEE 802.11a/b/g/n

##### Data rate/frequency range

IEEE802.11a: up to 54 Mbit/s - 5 GHz  
IEEE802.11b: up to 11 Mbit/s - 2.4 GHz  
IEEE802.11g: up to 54 Mbit/s - 2.4 GHz  
IEEE802.11n: up to 600 Mbit/s - 2.4/5 GHz

##### Output power

100 mW

##### Antenna

Integrated in the device

##### Note

The respective radio frequencies and usable channels depend on the country-specific regulations.

#### Bluetooth (WPAN)

Bluetooth Version 2.1 mit EDR  
(inklusive Manager)

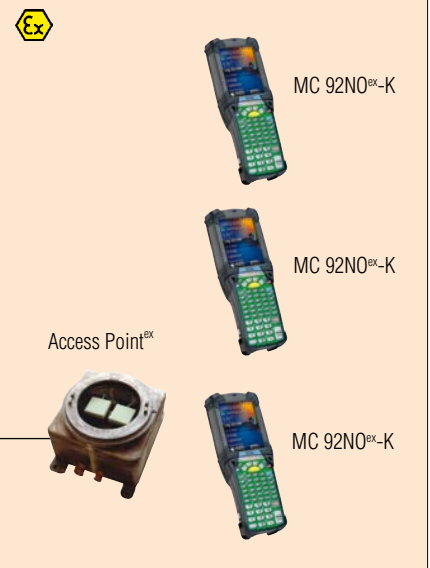
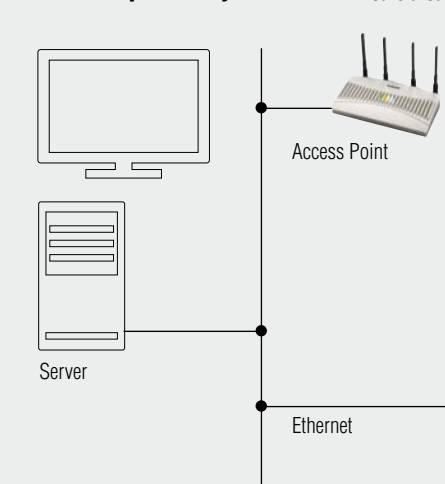
##### Max. data rate

2.1 Mbit/s

##### Antenna

Integrated in the device

#### Connection possibility



The MC 92NO<sup>ex</sup>-G Mobile Computer with the 1D-Standard Range Scan Engine or the 1D-/2D Imager Engine recognises the following barcodes:

#### 1D-Codes:

|                 |                       |
|-----------------|-----------------------|
| Code 11         | Interleaved 2 of 5    |
| Code 39         | MSI                   |
| Code 93         | UPCA                  |
| Code 128        | UPCE                  |
| Codabar         | UPC/EAN supplementals |
| Coupon Code     | Trioctic 39           |
| Chinese 2 of 5  | RSS-14                |
| Discrete 2 of 5 | RSS Expanded          |
| EAN-8           | RSS Limited           |
| EAN-13          | Webcode               |

#### 2D-Codes: (only with 1D-/2D Imager Engine)

|                    |                       |
|--------------------|-----------------------|
| Aztec              | (Macro) Micro PDF-417 |
| Australian 4-state | Micro PDF-417 PDF-417 |
| Canadian 4-state   | microQR               |
| Composite AB       | Maxi Code             |
| Composite C        | QR Code               |
| PDF-417            | TLC39                 |
| Data Matrix        | UK 4-state            |
| Dutch Kix          | US Planet             |
| Japanese 4-state   | US Postnet            |
| Macro PDF-417      | USPS 4-state (US4CB)  |

### Selection chart

| Barcode options                                | Code no. | Version  | Code no. | Operating system                | Code no. |
|--|----------|--|----------|---------------------------------|----------|
| <b>SE 965</b><br>1D-Standard Range Scan Engine | <b>A</b> | 28 keys, numeric                                     | <b>A</b> | Windows Embedded Handheld 6.5.3 | <b>Q</b> |
|  |          | 43 keys, numeric with (F) function keys              | <b>F</b> |                                 |          |
|  |          | 53 keys, alphanumeric                                | <b>E</b> |                                 |          |
| <b>SE 4500-SR</b><br>1D-/2D Imager Engine      | <b>3</b> | 53 keys, alphanumeric with layout for VT emulation   | <b>G</b> | Windows CE 7.0                  | <b>Y</b> |
|  |          | 53 keys, alphanumeric with layout for 3270 emulation | <b>H</b> |                                 |          |
|  |          | 53 keys, alphanumeric with layout for 5250 emulation | <b>J</b> |                                 |          |

➔ **Complete order no. B7-A2A4-OK** ☐ **O/SY** ☐ ☐ **A600**  
**MC 92NO<sup>ex</sup>-K** including Li-ion battery (1 piece).

Note: All variants without accessories. You will find the accessories with order details on the accessories pages.  
Please insert correct code. Technical data subject to change without notice.





## MC 92N0<sup>ex</sup>-G and -K with extended RFID Reader

### Description

This unique idea enables a combination of state-of-the-art technologies and so it was possible to integrate barcode data capture and RFID technology in this one device.

Thanks to the modular keyboard and colour display, the data can be processed directly on the mobile computer. The data is transmitted to other corporate divisions via WLAN or Bluetooth. This means that the data is available in real time for further processing.

The software we offer for individual application development is an open source demo version and an SDK file. The SDK file is available for the C# programming language and contains all necessary resources for specific application development.

On the one hand, the open source demo serves to demonstrate the reading and writing of RFID tags; on the other hand, it offers application developers a good basis for customised reader programming.

The MC 92N0<sup>ex</sup>-IS can be retrofitted with the RFID option in the factory. It cannot be retrofitted by the customer himself.

### Features

- International approvals for global usability
- RFID/UHF with a large reading range
- RFID reader and scanner in one device
- WLAN radio standard IEEE 802.11 a/b/g/n
- Easy battery changing in the Ex area
- Expanded storage capacity with replaceable SD card
- Various versions of replaceable keyboards
- Service contracts

### Explosion protection

#### UL Ex protection type

Class I Div. 2 Groups A, B, C, D T6  
Class II Div. 2 Groups F, G  
Class III

#### Certification

UL File E321557

#### ATEX Ex protection type

Ex II 3G Ex nA IIC T6 Gc  
Ex II 3D Ex tc IIIC T80 °C Dc  
-20 °C ≤ T<sub>a</sub> ≤ +50 °C

Ex II 3G Ex nA IIB T6 Gc  
Ex II 3D Ex tc IIIB T80 °C Dc  
-20 °C ≤ T<sub>a</sub> ≤ +50 °C  
(with mounted antenna)

#### Certification

B1-A2A3-7C0001, B1-A2A3-7C0002

### Technical data

#### Keyboard version

- 28 keys, numeric
- 43 keys, numeric with (F) function keys
- 53 keys, alphanumeric

#### Display

3.7" VGA colour display  
with touchscreen 480 x 640 pixels

#### Barcode options

SE 965: 1D-Standard Range Scan Engine  
Reading range: up to 2.5 m

SE 4500: 1D-/2D Imager Engine  
Reading range: up to 60 cm

only for MC 92N0<sup>ex</sup>-G

SE 1524: 1D-Long Range Scan Engine  
Reading range: up to 12 m

Other variants available, see user's manual.

#### Dimensions (height x width x depth)

MC 92N0<sup>ex</sup>-K

231 mm x 115 mm x 105 mm  
(9.1 inch x 4.5 inch x 4.1 inch)

MC 92N0<sup>ex</sup>-G

231 mm x 115 mm x 193 mm  
(9.1 inch x 4.5 inch x 7.6 inch)

#### Weight

MC 92N0<sup>ex</sup>-K

approx. 980 g (approx. 34.5 oz)

MC 92N0<sup>ex</sup>-G

approx. 1120 g (approx. 39.5 oz)

#### Ambient temperature

-20 °C to +50 °C (-4 °F to +122 °F)

#### Storage temperature

-40 °C to +70 °C (-40 °F to +158 °F)

#### Charging temperature

0 °C to +40 °C (+32 °F to +104 °F)

#### Humidity

5 % to 95 % (non-condensing)

#### Protection class (EN 60529)

IP 64

#### Processor

TI OMAP 4430 dual-core® processor/1 GHz

#### Memory

1 GB/2 GB flash RAM/ROM with the option of expansion with SD card: up to 32 GB

#### Operating system

Windows Embedded Handheld 6.5.3  
or Windows CE 7.0

#### Power supply

Li-ion battery B7-A2Z0-0006  
with 7.4 V/2200 mAh

#### Backup battery

Ni-MH battery (rechargeable)  
2.4 V/15 mAh

#### Interfaces

- RS232
- USB


**Audio System**

Integrated microphone and loudspeaker

**Voice support**

Voice over IP

**Wireless data communication (WLAN)**
**Radio standard**

IEEE 802.11a/b/g/n

**Data rate/frequency range**

IEEE802.11a: up to 54 Mbit/s - 5 GHz

IEEE802.11b: up to 11 Mbit/s - 2.4 GHz

IEEE802.11g: up to 54 Mbit/s - 2.4 GHz

IEEE802.11n: up to 600 Mbit/s - 2.4/5 GHz

**Output power**

100 mW (Germany and International)

**Antenna**

Integrated in the device

**Note**

The respective radio frequencies and usable channels depend on the country-specific regulations.

**Bluetooth (WPAN)**

Bluetooth version 2.1 with BT Explorer (including manager)

**Max. data rate**

2.1 Mbit/s

**Antenna**

Integrated in the device

**LF Reader extended and internal**

|                                  |  |
|----------------------------------|--|
| Supported standards              | HITAG S256, HITAG S 2 kbit, HITAG 1, HITAG 2, Q5, ATA5567, EM4305, HDX - R0, HDX (Multipage), EM4xxx (UNIQUE), FDX-B, BDE, ISO 11784/5, ISO Animal, EM 4450/4550, EM4xxx (UNIQUE), FDX-B, BDE, ISO 11784/5, ISO Animal |
| Nominal reading/writing distance | approx. 5 cm/approx. 1.9 inches  |
| Antenna                          | ferrite antenna or air coil antenna  |
| Frequency range                  | 125/134 kHz  |
| Transmitting power               | 100 mW ± 2dB   |

**HF Reader extended**

|                                  |  |
|----------------------------------|--|
| Supported standards              | HF ISO 15693 e.g. I-Code SLI, Tag-IT HFI, my-d vicinity, STM LRI512<br>HF ISO 14443 e.g. mifare, mifare Ultra Light, my-d proximity, I-Code 1 (optional) |
| Nominal reading/writing distance | approx. 7 to 12 cm/approx. 2.75 to 4.72 inch<br>approx. 1 to 6 cm/approx. 0.4 to 2.36 inch (with tags in cheque card format)                             |
| Antenna                          | integrated   |
| Frequency range                  | 13.56 MHz  |
| Transmitting power               | 250 mW ± 2 dB  |

**UHF Reader extended**

|                          |   |
|--------------------------|---|
| Supported standards      | EPC Class 1 Gen 2 tag   |
| Nominal reading range    | approx. 30 to 50 cm/approx. 11.8 to 19.6 inch   |
| Nominal writing distance | approx. 30 to 50 cm/approx. 11.8 to 19.6 inch   |
| Antenna                  | integrated  |
| Frequency range          | Europe 865.6 to 867.5 MHz (EN 302 208)<br>USA 902.0 to 928.0 MHz (FCC CFR 47 part 15.247) |
| Transmitting power       | 200 mW ± 2dB  |

**UHF reader extended with mounted antenna**

|                          |   |
|--------------------------|---|
| Supported standards      | EPC Class 1 Gen 2 tag   |
| Nominal reading range    | approx. 150 cm/approx. 59 inches  |
| Nominal writing distance | approx. 150 cm/approx. 59 inches  |
| Antenna                  | external (UPM Raflatac)   |
| Frequency range          | Europe 865.6 to 867.5 MHz (EN 302 208)<br>USA 902.0 to 928.0 MHz (FCC CFR 47 part 15.247) |
| Transmitting power       | 200 mW ± 2dB  |

**Selection chart MC 92N0<sup>ex</sup>-NI with extended and internal RFID Reader**

| Barcode options   | Code no. | RFID options                             | Code no. | Version  | Code no. | Operating system                | Code no. |
|---|----------|--|----------|--|----------|---------------------------------|----------|
| none**  | <b>0</b> | RFID LF Reader internal*                 | <b>1</b> | 28 keys, numeric                                     | <b>A</b> | Windows Embedded Handheld 6.5.3 | <b>Q</b> |
|   |          | RFID LF Reader                           | <b>2</b> | 43 keys, numeric with (F) function keys              | <b>F</b> |                                 |          |
| SE 965 1D-Standard Range Scan Engine                              | <b>A</b> | RFID HF Reader                           | <b>4</b> | 53 keys, alphanumeric                                | <b>E</b> |                                 |          |
| SE 4500-SR 1D-/2D Imager Engine                                   | <b>3</b> | RFID UHF (US) Reader                     | <b>5</b> | 53 keys, alphanumeric with layout for VT emulation   | <b>G</b> |                                 |          |
| SE 1524 1D Long Range Scan Engine (only MC 92N0 <sup>ex</sup> -G) | <b>J</b> | RFID UHF (EU) Reader                     | <b>6</b> | 53 keys, alphanumeric with layout for 3270 emulation | <b>H</b> | Windows CE 7.0                  | <b>Y</b> |
|   |          | RFID UHF (US) Reader and mounted antenna | <b>7</b> | 53 keys, alphanumeric with layout for 5250 emulation | <b>J</b> |                                 |          |
|   |          | RFID UHF (EU) Reader and mounted antenna | <b>8</b> |  |          |                                 |          |

\* available only without the scan engine

\*\* combinable only with internal RFID LF reader.


**Complete order no. MC 92N0<sup>ex</sup>**
**Version GUN**
**B7-A2A4-RG**
☐
☐
☐
☐
**/SY**
☐
☐
☐
☐
**A600**
**Version BRICK**
**B7-A2A4-RK**
☐
☐
☐
☐
**/SY**
☐
☐
☐
☐
**A600**

including Li-ion battery (1 piece).

Note: All variants without accessories. You will find the accessories with order details on the accessories pages.

Please insert correct code. Technical data subject to change without notice.

BARTEC protects  
people and  
the environment  
by the safety

of components,  
systems  
and plants.

